

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."

E7.4-10368

CR-137062

REMOTE SENSING OF OCEAN CURRENT BOUNDARY LAYER
EREP PROJECT 108

February 1974
Contract Number T-4713-B

(E74-10368) REMOTE SENSING OF OCEAN
CURRENT BOUNDARY LAYER Monthly Report,
Feb. 1974 (National Oceanic and
Atmospheric Administration) 3 p HC \$4.00

N74-18977

Unclass

CSCL 08J G3/13 00368

Principle Investigations Management Office
Lyndon B. Johnson Space Center

Z. H. Byrns, Technical Monitor

George A. Maul, Principle Investigator
National Oceanic & Atmospheric Administration
Atlantic Oceanographic & Meteorological Laboratories

MONTHLY REPORT



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
ENVIRONMENTAL RESEARCH LABORATORIES

ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LABORATORIES
15 RICKENBACKER CAUSEWAY, VIRGINIA KEY
MIAMI, FLORIDA 33149

Date : 18 March 1974

To : Distribution List

From : George A. Maul

Subject: Monthly Progress Report, T-4713-B

This is the eighth report on project EREP 108, and it covers the month of February 1974.

Aircraft photographs from the 8 January 1974 satellite/ aircraft/ship experiment have started to be received. Smooth plotting of the ship track is complete and analysis of the chlorophyll-a data has begun. Nutrient analysis for PO_4 , NO_3 , NO_2 and SiO_2 is complete and the data are being plotted. Dr. Baig is scaling the spectral irradiance data for computer input formatting and has been reconfiguring the instrument for use on the R/V RESEARCHER. Dr. Gordon is continuing his theoretical studies using the Monte Carlo code for light scattering in the sea. Reading and noting on the crew transcripts is now complete in preparation for debriefing on 19 March.

Recipients of the financial report are marked by an asterisk on the attached distribution list.

APPENDIX "A"

MONTHLY
CONTRACTOR FINANCIAL MANAGEMENT REPORT

Contract Number NAS 9-T-4713-B

Contractor: DOC/NOAA/AOML
15 Rickenbacker Causeway
Miami, Florida 33149

Total Estimated Cost: \$ 73,000Task Description: Remote Sensing of Ocean Current Boundary LayerPrepared By: George A. Maul, P.I. Date: 8-3-74

| | MOST RECENT Month | CUMULATIVE TO DATE | ESTIMATED TOTAL |
|--------------------|----------------------|-----------------------|--------------------|
| HOURS | | | |
| Investigator | <u>40</u> | <u>320</u> | <u>1560</u> |
| Other | <u>40</u> | <u>320</u> | <u>2080</u> |
| Total | <u>80</u> | <u>640</u> | <u>3640</u> |
| COSTS | | | |
| Labor | <u>1617</u> | <u>12,936</u> | <u>35000</u> |
| Material | <u>0</u> | <u>0</u> | <u>1000</u> |
| Data Processing | <u>100</u> | <u>800</u> | <u>12000</u> |
| Travel | <u>0</u> | <u>250</u> | <u>2000</u> |
| Equipment Rental | <u>0</u> | <u>0</u> | <u>3000</u> |
| Equipment Purchase | <u>0</u> | <u>0</u> | <u>0</u> |
| All Other | <u>1300</u> | <u>10,400</u> | <u>20000</u> |
| Total | <u>3017</u> | <u>24,386</u> | <u>73000</u> |